

U8



OPERATION AND MAINTENANCE

ELECTRIC BICYCLE

USER MANUAL

•MODLE U8

Attention

- Please carefully check whether all parts are in good condition before. If there is any problem, please contact the dealer in time.
- Abide by the city traffic laws and regulations when using.
- Slow down when encountering rain, snow and passing through slippery roads, increase braking distance when braking, and avoid traveling as much as possible to ensure safety.
- Do not disassemble parts without authorization. If you need to replace them, please purchase standard parts from distributors.
- Wading is prohibited during riding or when riding in rainy days. When accumulated water floods the lowest position of motor hub, it will cause line failure.
- Do not contact the metal point of the battery, otherwise it will produce a large short-circuit current and cause an accident and fire, please pay attention!
- Wear a helmet when riding an electric bicycle, and carry articles according to the law.
- Do not park electric bicycles in the foyer, stairs, walkways and safety exits of buildings.
- Due to the continuous improvement of products in technology, there may be different things between the physical objects and the instructions. Please take the physical objects as the standard.

Special Tips:

Do not park electric bicycles in the foyer, stairs, walkways and safety exits of buildings. Electric bicycles should not be charged and parked in residential buildings. When charging, they should stay away from combustibles and flammable materials and avoid charging for a long time. Waste batteries cannot be disassembled without authorization.



Riding Precautions

- Accelerate slowly when starting, and help with pedals when climbing, which can prolong the service life of batteries and motors.
- The bicycle controller is equipped with overload protection function, which will automatically cut off the power supply when overload occurs, and when it returns to normal, the power supply of the electric bicycle will be automatically turned on.
- The maximum load capacity of this bicycle is 180kg (including the weight of riders). Do not overload driving. When driving on complex roads, try to ride and turn on the shock absorption function.

Parking Precautions

- When implementing, the power switch should be turned off to prevent accidents caused by sudden start of the bicycle due to unintentional rotation of the speed regulating handle. When parking, turn off the power supply, lock the battery and remove the key.
- For the sake of your driving safety and keeping your bike in the best condition, please maintain it regularly.

Battery Storage

- Please store the battery at the ambient temperature of 20 ~ 25°C, and do not store the battery in an environment higher than 50°C, otherwise it will lead to irreversible capacity attenuation of the battery.
- If the bicycle is not used for a long time (such as winter, summer or other special circumstances), the battery must be taken out and stored separately, maintained and charged regularly, otherwise the battery may run out and cause irreversible damage.
- The most suitable storage capacity of the battery is 50%, and long-term storage of less than 10% or more than 90% will lead to irreversible capacity attenuation of the battery.

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MODLE U8



Frame	Aluminum alloy	Brake	disc brake
Battery weight	8.3KG	Central axis	Sealed central shaft
Variable speed	Shimano 7 speed	Load	About 180Kg
Instrument	Intelligent instrument	Hub	Spoke wheel
Controller	Vector controller	Charging time	8-10 hours
Tire size	20 inches	Climbing ability	Approximately 30 °
Body weight	36 KG		

* Please note that due to the upgrade of the product, the bicycle you own may be different from the picture and configuration.

* Product configuration is subject to physical objects.

Bicycle Installation

Since 95% of the bicycles have been installed, the rest can be installed directly after receiving.



1. Vehicles received as shown



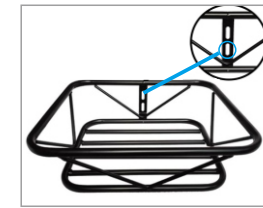
2. First remove the mounting clips, then install the U-shaped handlebars



3. Torque the four screws of the carabiner



10. There are 3 holes in total, please select the top 2 holes for installation, as shown in the figure



11. Please select the second hole below for installation.



12. Install the basket as shown



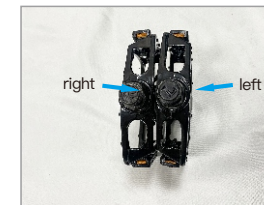
4. Put the screw into the lamp's mounting bracket, install it on the fender mounting bracket



5. As shown in the picture, attach the remaining attachments with the screws to the fender mounting brackets and tighten the screws



6. Link the light wires, and note that the arrow symbols of the terminals need to correspond to each other



13. Install the left and right pedals separately



7. As shown in the figure, tighten the nuts marked at both ends of the central shaft



8. Insert the forks into the screw gap in the bearing



9. If it is necessary to snap the snap ring shown in the figure into the fork slot

Handlebar Control Unit Description



Fork Description

Turn the switch on the left side to switch the front fork damping system, and adjust the damping softness and hardness on the right side.



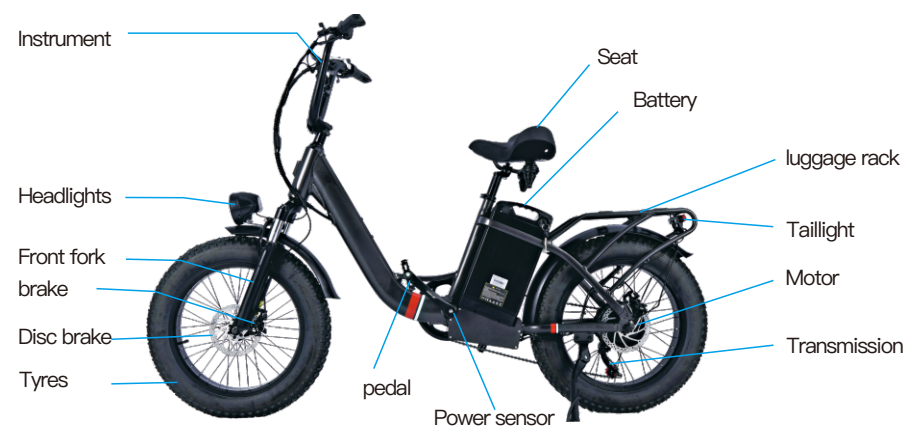
Switch damping

Adjust softness and hardness

Description of variable speed finger dial

- Please use the speed-changing finger dial when pedaling. (Note: Do not use it when it is still)
- When changing speed, it needs to be adjusted step by step (note: do not directly adjust from level 1 to level 7)

Bicycle Installation Renderings



Instrument Description

Boot password: 1212

Battery level

Error code

Current speed

Walk boost

Trip odometer

Odometer

Max speed

Average speed

Low brightness display

Speed unit
KM/H
MPH

Cruise

PAS level

Value and unit

Power on/off

Plus

Minus

Low brightness display

Toggle

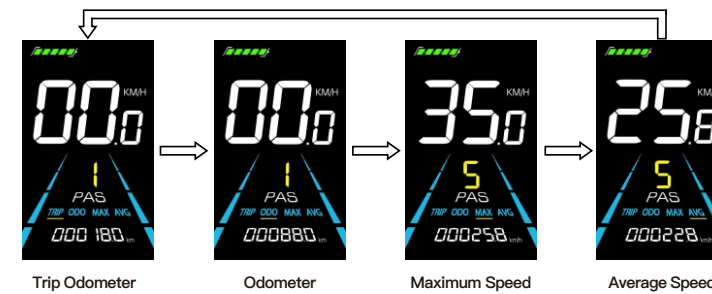
Power on/off

Long press to power on/off the display. When the display is off, it will not use the battery power and the leakage current is less than 1uA.




The display will automatically shut off if it is not used for more than 10 minutes.


Display interface switching

When the display is powered on, it will show the Current Speed (km/h) and Trip Odometer (km) by default. Short press to switch between Trip Odometer(km), Odometer (km), Maximum Speed (km/h), and Average Speed (km/h)



Walk boost mode


Long Press and hold , the electric bicycle enters the walk boost mode. The electric bicycle will walk at a fixed speed of 6 km per hour and the display shows . Release  to stop the power output immediately and restore to the state before walk boost.

 The walk boost mode can only be used when pushing the electric bicycle, please do not use it while riding.





Error code display

If there is a fault occurs in the electronic system of the electric bicycle, the display will automatically show an error code, see Schedule 1 for a detailed definition of the error code.

 When the error code appears on the display, please troubleshoot the problem in time, the electric bicycle will not be able to drive normally after the problem occurs.



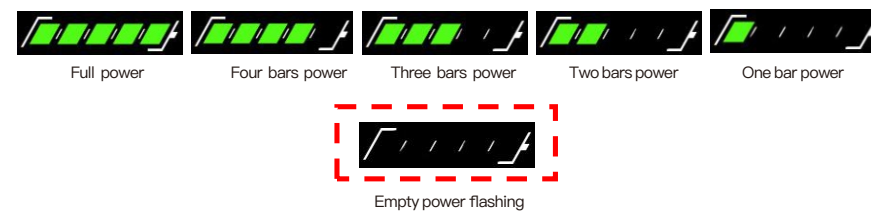
PAS level selection

Press  /  to switch PAS level of electric bicycle, thus changing the motor output power



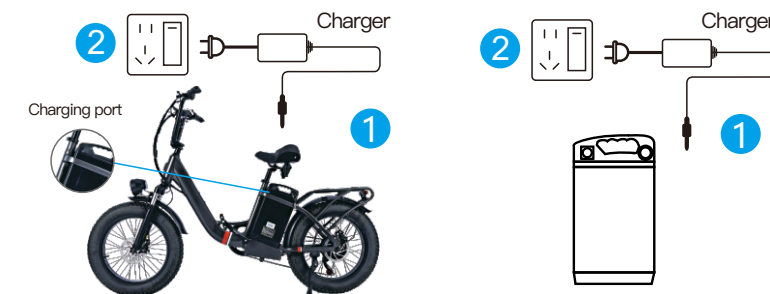
Battery level display

The Battery level is shown as 5 bars. When the battery is full charged, all of the 5 bars lighten up. When the battery is fully depleted, the bar will begin to flash, warning the user to charge the battery as soon as possible



Correct Use Of Charger

Electric bicycles are equipped with special batteries, which must be charged by the special charger provided by our company. Before charging, the electric bicycle must turn off the power supply. When charging, the output end of the charger is linked to the electric bicycle, and then the other end of the charger is linked to the power supply for charging. The red indicator of the charger lights up, indicating that charging is underway.



Battery disassembly and assembly

Disassembly and assembly: The electric vehicle battery is equipped with a lock. If you need to remove the battery, you need to use the matching key to open the lock and take it out.



Turn the key to OFF, then push it forward, and then enter the Lock state, the battery can be taken out at this time

Pay attention to the battery removal state, the lock cylinder must be retracted into the battery



Flip up the seat and take out the battery

Precautions for battery use

- It takes about 6 hours to charge the battery. When the indicator turns green, it indicates that it is fully charged. Turn off the power connected to the charger first, remove the charger, and try to avoid charging for a long time (avoid more than 12 hours)
- When charging, the charger and battery should not be covered with anything to avoid danger caused by overheating. It is recommended to start charging when the battery charge is less than 20%. When parking for a long time, it should be stored at 50% of the power, and must be charged once every other month.
- If you smell peculiar smell during charging, please stop charging immediately and send it to the maintenance office for maintenance.
- When charging, do not touch the battery or charger, and children are strictly forbidden to touch the charger.
- Keep the charger or battery away from flammable materials. Do not charge near babies and children. Do not charge in an unattended state for a long time. For the safety of you and your family, it is recommended not to charge in the early morning.
- Please do not use other brands of charger charging, charger is high-voltage circuit, do not disassemble without authorization.

Warning



Do not put the battery into the fire Do not overheat the battery.



Do not use other brand chargers to charge the battery. Use the specified charger.



Do not disassemble or modify the battery.



Do not connect positive and negative electrodes or touch terminals with metal objects.



Do not subject the charger to shocks, such as dropping. Keep the charger away from water.



Do not let your skin touch the charger for a long time during charging.

May cause skin burns because the temperature of the charger may become 40C-60C (104F-140F) during external charging.



Do not cover the charger with objects or place objects on the charger to avoid overheating and fire.



Please do not turn the pedal when the battery is installed on the bicycle for charging. Avoid winding the power cord on the pedal or crank, which may cause plug damage, electric shock or fire.

Energy Consumption Description

- * The battery should be fully charged before long-distance travel. Rugged road conditions and hilly terrain will consume more energy.
- * Carrying more weight on an electric bicycle will consume more energy.
- * When an electric bicycle runs at low temperature, its cruising range will be reduced.
- * When the battery is turned off, your electric bike will be used as an ordinary bike.

Pattern Description



The key is opened, the instrument is opened, and the switch is twisted. The electric bicycle is driven by electricity.



The key is turned on, and the instrument is turned on. At this time, the electric auxiliary mode will be started, which is driven by manpower and electric power.



Riding an electric bicycle, the electric bicycle is driven by manpower.

- In pedal assist mode, assist is triggered when the pedal is pressed forward, and is stopped when the pedal is stopped. When you brake, the power assist system will automatically stop, allowing the e-bike to slow down and stop. When the e-bike reaches the maximum speed of the gear you have selected, the power assist will turn itself off.

Motor description

When the electric bicycle starts, the input current of the drive motor is large, and the motor will have a certain noise to overcome the resistance to reach the speed. It is the friction sound of the current torque and the magnetic force, which is a normal phenomenon. If the starting current of the electric bicycle is increased, all noises will be more obvious. This is a normal phenomenon and will not affect the use of the electric bicycle. (Note: When the electric bicycle starts, it can be accelerated slowly when accelerating. At this time, the starting current will not be too large, and the noise of the driving wheel will be relatively small. At the same time, it will be beneficial to the battery life).

After-sales service

Warranty name	Service term	Warranty coverage (except human factors)
Battery	12 months	The inspected capacity is less than 2/3 of the specified capacity or the inspected quality problem
Motor	12 months	Performance failure
Controller	12 months	
Instrument	12 months	
Charger	180 days	
Frame	12 months	Desoldering, material fracture
Front fork	180 days	Performance failure

Not covered by warranty

- The warranty period has expired.
- Commercial rental is not warranted.
- Gifts are not covered by the warranty.
- Damage caused by unauthorized modification, disassembly and replacement of accessories.
- No warranty for parts damage caused by improper use or crash, injury, water inflow or overload use by users.
- Due to the change of the factory batch or upgraded parts of electric bicycles, there is no prior notice.